

Setting

IP Address Settings

This section is a description based on Windows XP.

IP address setting procedure

Follow the procedure below to configure the IP address of the camera.

Step1 IP address setting at the computer

Set the IP address of the computer that is used for configuring the camera settings.

Step2 Internet Explorer settings

Configure the Internet Explorer settings in order to establish connection between the computer and the camera.

Step3 Connecting the camera to the computer

Connect the computer to the camera.

Step4 IP address setting for the camera

Set the [IP Setting] item on the [Basic Settings1] screen to "DHCP Disable" or "DHCP Enable".

Step1 IP address setting at the computer

Camera at factory default is set to "DHCP Disable" (DHCP client function is Off), it will activate under the following IP address after startup. Set the computer to an IP address that enables communication with the following. (For example, set the IP address to 192.168.0.100 and subnet mask to 255.255.255.0.)

IP address : 192.168.0.2

Subnet mask : 255.255.255.0

Default gateway : None

■ IP address setting at the computer

Set the computer to an IP address that enables communication with the camera.

1 Click [Start]

- Select in the sequence of [Control Panel]–[Network Connection]–[Local Area].

Windows Vista:

- Select in the sequence of [Settings]–[Control Panel]–[Network and Sharing Center]–[Manage network connections].

2 The computer on which Internet Explorer is launched automatically selects the connected network

- Right-click and select [Properties].
- Check to ensure that the [Client for Microsoft Networks] and [Internet Protocol(TCP/IP)] check boxes are selected.

Windows Vista:

- Check to ensure that the [Microsoft Network Client] and [Internet Protocol Version 4(TCP/IPv4)] check boxes are selected.

3 Select [Internet Protocol(TCP/IP)] and click [Properties]

Windows Vista:

- Select [Internet Protocol Version 4(TCP/IPv4)] and click [Properties]

4 Set the IP address

- Select [Use the following IP address].
- Specify the [IP address]. (For example, use 192.168.0.100 when the camera is in its default settings.)

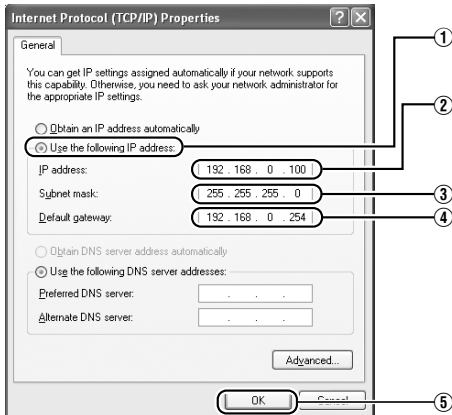
Memo :

- Make sure that you take note of the original IP address before altering.
- Ensure that a duplicate IP address is not specified within the same network environment.

- Set [Subnet mask] to a value that is appropriate for the setting operation. Consult the network administrator if you have any queries. (Use 255.255.255.0 when the camera is in its default settings.)

- When a [Default gateway] is present, make use of the corresponding IP address (e.g., 192.168.0.254).

- Click [OK].



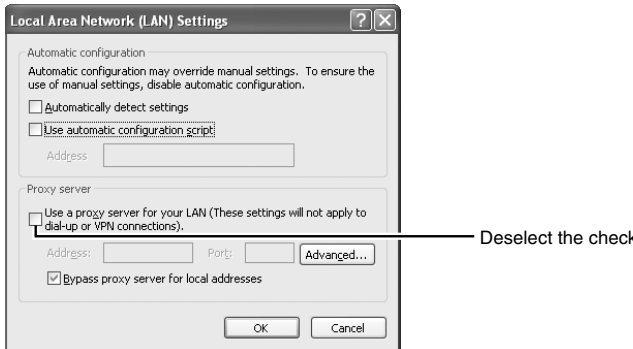
5 Click [OK] on the [Local Area Connection Properties] screen

Step2 Internet Explorer settings

1 Launch the Internet Explorer on the computer

2 If proxy settings are enabled in the Internet Explorer, follow the steps below to disable the proxy of the Internet Explorer

- Select in the order of [Tool]–[Internet Options]–[Connections]–[LAN Setting], followed by deselecting the check for [Use a proxy server for your LAN] under [Proxy Server] of the [Local Area Network (LAN) Settings] window.

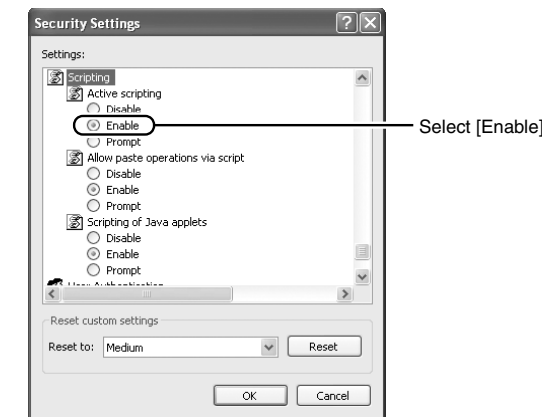


3 If the active script of the Internet Explorer is disabled, follow the steps below to enable it

- Select [Trusted sites] under [Tool]–[Internet Options]–[Security]. Upon doing so, the [Sites...] button directly below becomes active. Click this button, deselect the check in the displayed window, and add the following web site to the zone.

http://192.168.0.2 (When the camera is in its default settings)

- Next, select [Trusted sites] under [Tool]–[Internet Options]–[Security], and press the [Custom Level] button. Select [Enable] under [Scripting]–[Active script] of the [Security Settings] window that is opened.



4 If ActiveX controls and plug-ins of the Internet Explorer is disabled, follow the steps below to enable it

- Click [Trusted sites] under [Tool]–[Internet Options]–[Security]. Select the [Custom Level] button to open the [Security Settings] window. Set all items under [ActiveX controls and plug-ins] in the opened window to [Enable]. Enable also [Allow Script-initiated window without size or position constraints] under [Miscellaneous].



5 Disable pop-up block

Connection of the camera cannot be established when pop-up block in the Internet Explorer is set to "Enable". Follow the steps below to set the pop-up block to "Disable".

- Selecting [Tool]–[Pop-up Blocker]–[Turn Off Pop-up Blocker] permits all sites.
- To allow only specific sites such as this unit, select [Tool]–[Pop-up Blocker]–[Turn Off Pop-up Blocker], followed by selecting [Tool]–[Pop-up Blocker]–[Pop-up Blocker Settings], which becomes active to open the [Pop-up Blocker Settings] window.

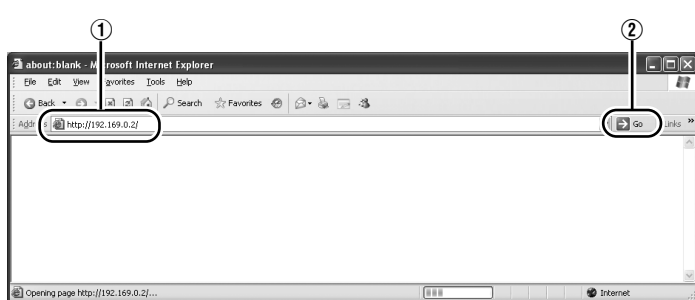
In the opened window, add the address of the camera as a permitted web site address.

6 When plug-in tools such as the Yahoo or Google toolbar are included in the Internet Explorer, disable the pop-up block function of these plug-in tools as well

Step3 Connecting the camera to the computer

1 Launch the Internet Explorer

- Enter the IP address of the camera. (http://192.168.0.2, for example)
- Click [Go].



Memo :

- If the proxy server settings for access to the Internet via the Internet Explorer is enabled, you may not be able to specify the IP address directly. In this case, change the proxy settings of the Internet Explorer.
- To open the [Basic Settings1] page without going through the built-in viewer, enter the URL of the [Basic Settings1] page in the address field of the Internet Explorer.
 - VN-V225VPU:
http://192.168.0.2/cgi-in/v225display.cgi?v225basicmenu1.html
 - VN-X235VPU:
http://192.168.0.2/cgi-in/x235display.cgi?x235basicmenu1.html
- After the [Security Settings] screen appears, press the [OK] button to proceed.

■ If the IP address is unknown

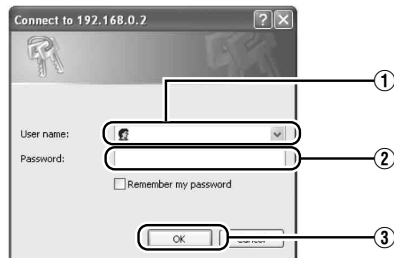
IP address settings cannot be changed by accessing via a computer when the IP address of the camera is unknown.

You can use the following method to identify the IP address.

- Search using the "Search tool" inside the "TOOL_E" folder of the supplied CD-ROM.
 - For details on "Search tool", please refer to the "README" file in the CD-ROM supplied with this product.

2 Enter the user name and password (login as administrator)

- Enter the user name. This is set to "admin" by default.
- Enter the password. This is set to "jvc" by default.
- Click [OK].

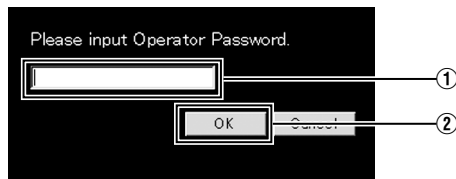
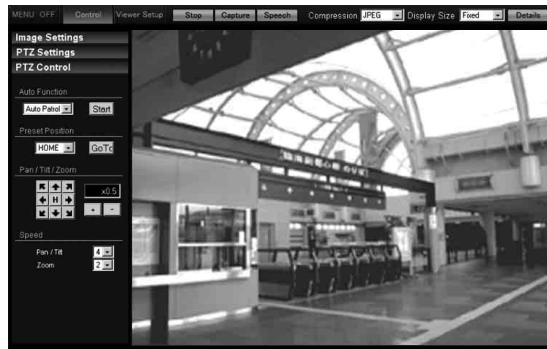


Memo :

- After the [Security Settings] screen appears, press the [Yes] button to proceed.

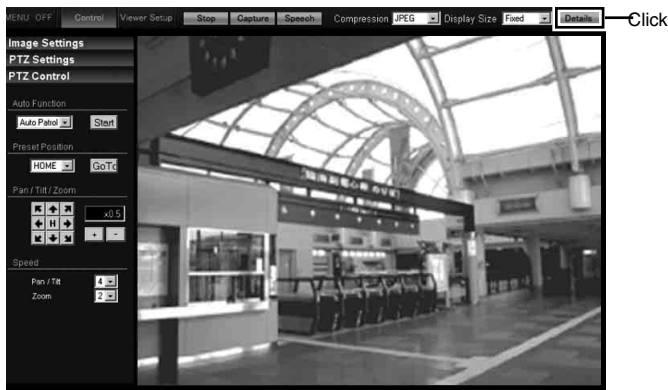
3 Built-in Viewer and the operator password entry screen appear

- Enter the Operator Password. (default password is "jvc")
- Click [OK].



Step4 IP address setting for the camera

1 Click [Details] of the Built-in Viewer



2 The [Basic Settings1] screen appears

- Specify the [IP Setting].

■When selecting "DHCP Disable":

Select "DHCP Disable" from [IP Setting] item of the camera, and specify a value in the [IP address], [Subnet Mask] and [Default Gateway] fields.

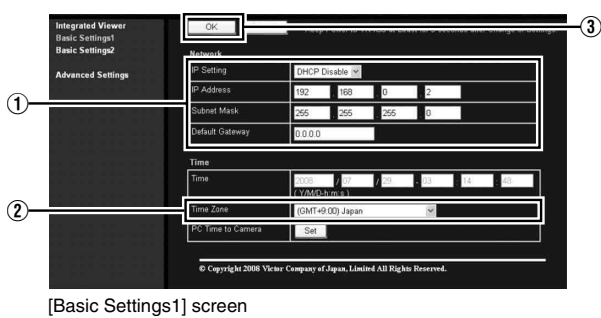
■When selecting "DHCP Enable":

The default setting is "DHCP Disable" (DHCP client function is off).

To assign an IP address from the DHCP server, connect the camera to a LAN where the DHCP server exists.

For details on the IP address assigned to the camera, consult your network administrator.

- Specify the [Time Zone].
- Click [OK].



Note:

- Set the DHCP server such that the same IP address is always assigned to the MAC address of the camera by the DHCP server. Connection may fail if the above setting is not performed.

3 A confirmation screen appears

- Click [OK].
- The camera restarts using the new IP address. It takes about one minute for the camera to restart.

Memo :

- Access from this computer may fail when the IP address of the camera is changed. To enable access to this unit from the same computer, alter the IP address of the computer accordingly.

When the display or configuration of the opened screen appears strange, check the computer settings using the following procedures.

- Click [Start]–[Control Panel]–[Display] and open the [Display Properties] window
- Click the [Settings] tab in the [Display Properties] window, followed by the [Advanced] button
- Check that [DPI setting] in the [General] tab has become [Normal size(96DPI)]
- Otherwise, change the setting to [Normal size(96DPI)] and reboot Windows

Setting Using Internet Explorer

Configure the picture quality setting, alarm setting and other settings using the Internet Explorer.
* For details, please refer to [INSTRUCTIONS (Setting)] (pdf) in the supplied CD-ROM.

Operating the Built-in Viewer

With the built-in viewer, you can monitor JPEG and MPEG4 images and audio.
And on VN-X235VPU, you can perform PTZ operation and configure PTZ related settings.
* For details, please refer to [INSTRUCTIONS (Setting)] (pdf) in the supplied CD-ROM.

Operating Environment

Recommended Computer Specifications

OS	: Windows XP (Professional or Home Edition) (SP2) Windows Vista Business (SP1)
CPU	: Pentium4 1.5 GHz or higher (VN-V225VPU) Pentium4 2 GHz or higher (VN-X235VPU)
Memory capacity	: 1 GB and above
Free hard disk space	: 512 MB or more
Display and video card	: 1024×768 pixels or higher (VN-V225VPU), 1600×1200 pixels or higher (VN-X235VPU) True Color (24 bit or 32 bit) VRAM 8 MB or more (256 MB and above recommended)
Web browser	: Internet Explorer XP : Version 6.0 Vista : Version 7.0

LAN Environment

- 10BASE-T/100BASE-TX network interconnected using devices such as an IEEE802.3-compliant switching hub.
- IEEE802.3af-compliant switching hub when PoE is used
- IGMPv2-compliant network when multicast is in use.

Memo :

- To use MPEG4 images on the built-in viewer, install the open source codec "ffdshow". You can download "ffdshow" from the Internet. JVC is not responsible for any damages resulting from your use of open source software.

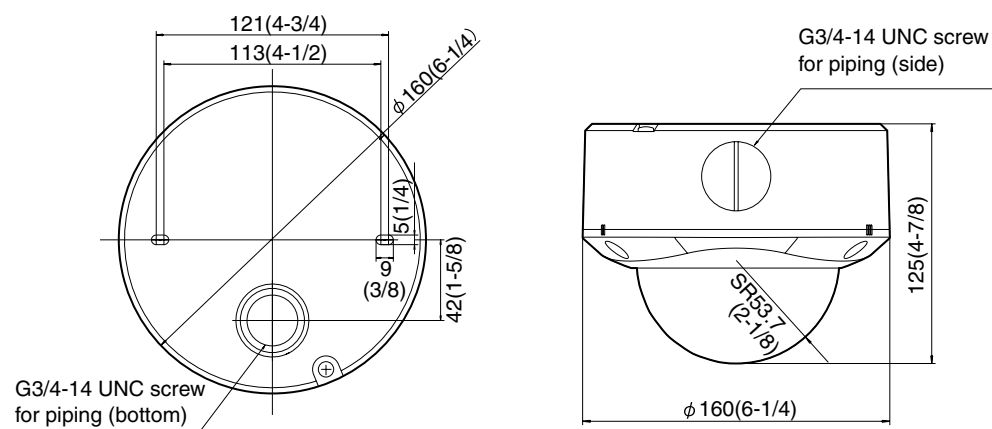
Specifications

Supply voltage	: AC 24 V 50 Hz/60 Hz or PoE (DC ~48 V) AC 24 V 50 Hz/60 Hz (when KA-ZH215U is in use)
Current consumption	: AC 24 V 0.35 A, PoE 7.0 W AC 24 V 1.0 A (when KA-ZH215U is in use)
Mass	: Approx 1.3 kg (2.87 lbs)
Ambient temperature	: -10 °C to 50 °C (operation) 0 °C to 40 °C (recommended) When KA-ZH215U is in use : -30 °C to 50 °C (operation) -20 °C to 40 °C (recommended)
Ambient humidity	: 35 % RH to 90 % RH (without condensation)

■ Accessories

- SAFETY PRECAUTIONS
- Read Me First
- CD-ROM
- Warranty Card (For USA)
- Service Information Card (For USA)
- Template
- Wrench
- Silica gel

■ Dimension [Unit: mm (inch)]



* Specifications and appearance of this unit are subject to change for further improvements without prior notice.